

Listing of Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (original) A method for forming a homogeneous mixture of powder organic materials including at least one dopant component and one host component to form a pellet for use in thermal physical vapor deposition to produce an organic layer on a substrate for use in an organic light-emitting device, comprising:
 - a) combining organic materials in a powder form, such materials including at least one dopant component and one host component and placing the powder organic materials in a container;
 - b) heating the container having the powder organic materials in a range of temperatures from 40 to 100°C for 30 to 100 minutes while purging the atmosphere in the container so that the atmosphere has a reduced pressure in a range from 10^{-1} to 10^{-3} Torr to remove moisture from the container atmosphere;
 - c) filling the container with an inert atmosphere;
 - d) mixing the powder organic materials in the inert atmosphere using a mixing mechanism to form a homogeneous mixture of powder organic materials; and
 - e) compacting the homogenous mixture of powder organic materials to form a pellet suitable for thermal physical vaporization to produce an organic layer on a substrate for use in an organic light-emitting device.
2. (original) The method of claim 1 wherein the mixing mechanism includes a propeller or a turbine blade.
3. The method of claim 1 wherein the amount of dopant component varies between 0.1 and 20% by weight of the total weight of the mixture.
4. (original) The method of claim 1 wherein the inert atmosphere includes nitrogen gas, argon gas, or a mixture thereof.
5. (original) The method of claim 1 wherein the homogeneous mixture of powder organic materials is compacted at a pressure in a range of 3,000 to 20,000 pounds per square inch.

6. (original) The method of claim 1 further including storing the container before mixing in a reduced pressure atmosphere in a range from 10^{-1} to 10^{-3} Torr.

7. (original) The method of claim 1 wherein mixing using the mixing mechanism includes rotating the mixing mechanism in a first periodic motion at a rate in a range of 20,000 to 50,000 revolutions per minute.

8. (original) The method of claim 1 wherein mixing includes rotating the container in a second periodic motion at a rate in a range of 10 to 60 revolutions per minute.

9. (Currently Amended) The method of claim 1 wherein mixing using the mixing mechanism includes rotating while reciprocating in the mixing container mechanism in a third periodic motion at a rate in a range of 30 to 60 cycles per minute.

10. (Currently amended) The method of claim 9 wherein ~~the third periodic motion of~~ the mixing mechanism includes traversing the length inside of the sealed container by means of a pneumatic cylinder and a traversing bracket.

11. Cancelled.
12. Cancelled.
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